CLAIMS:

1. Method of storing data on a rewritable data storage medium comprising a read-only fixed data area and a recordable data area wherein:
- system data are stored in the recordable data area,
- a cryptographic summary of the system data is generated and stored in the fixed data area and
- the cryptographic summary is used for verification of the system data before reading and/or recording of user data.

2. Method of storing data on a rewritable data storage medium comprising a read-only fixed data area and a recordable data area wherein:
- system data are stored in the recordable data area,
- identification data are stored in the fixed data area,
- a cryptographic summary of the system data and the identification data is generated and stored in the recordable data area and
- the cryptographic summary is used for verification of the system data before reading and/or recording of user data.

3. Method as set forth in claim 1 or 2, characterized in that a hash function is used for generating the cryptographic summary and for verifying the system data.

4. Method as set forth in claim 1 or 2, characterized in that a message authentication code algorithm is used for generating the cryptographic summary and for verifying the system data.

5. Method as set forth in claim 1 or 2, characterized in that a key signature algorithm is used for generating the cryptographic summary and for verifying the system data and that a signature is stored as cryptographic summary.

6. Method as set forth in claim 1 or 2, characterized in that the cryptographic summary is generated and the system data are stored in the recordable data area as part of the formatting of the storage medium.

7. Method as set forth in claim 1 or 2, characterized in that copy protection information is stored as system data, in particular a unique storage medium identifier, a key encrypted by one or more different manufacturer-specific or device-specific keys or one or more lists of revoked devices or revoked storage mediums.

8. Method as set forth in claim 1 or 2, characterized in that the system data is originally stored in a corner area of the recordable data area and that during first use of the storage medium in a recording apparatus the system data are copied to a user data area of the recordable data area.

9. Storage medium for storing data comprising
- a recordable data area in which system data are stored,
- a read-only fixed data area in which a cryptographic summary of the system data is stored, the cryptographic summary being provided for verification of the system data before reading and/or recording of user data.

10. Storage medium for storing data comprising
- a read-only fixed data area in which identification data are stored,
- a recordable data area in which system data and a cryptographic summary of the system data and the identification data are stored, the cryptographic summary being provided for verification of the system data before reading and/or recording of user data.

11. Storage medium as set forth in claim 9 or 10, characterized in that the storage medium is a rewritable optical storage medium, in particular a CD or a DVD.

12. Recording apparatus for storing data on a rewritable data storage medium comprising
- generating means for generating a cryptographic summary of system data and
- recording means for storing the system data in a recordable data area of the medium and for storing the cryptographic summary in a read-only fixed data area of the medium, the

cryptographic summary being provided for verification of the system data before reading and/or recording of user data.

13. Recording apparatus for storing data on a rewritable data storage medium comprising

- generating means for generating identification data and a cryptographic summary of system data and the identification data and
- recording means for storing the cryptographic summary and the system data in a recordable data area of the medium and for storing the identification data in a read-only fixed data area of the medium, the cryptographic summary being provided for verification of the system data before reading and/or recording of user data.

14. Playback apparatus for playback of user data stored on a rewritable data storage medium comprising

- reading means for reading system data stored in the recordable data area of the medium and for reading a cryptographic summary of the system data stored in a read-only fixed data area of the medium and
- verifying means for generating a cryptographic summary of the system data read from the medium and for verification of the system data by use of the generated cryptographic summary.

15. Playback apparatus for playback of user data stored on a rewritable data storage medium comprising

- reading means for reading identification data from a read-only fixed data area of the medium and for reading system data and a cryptographic summary of the system data and the identification data from a recordable data area of the medium and
- verifying means for generating a cryptographic summary of the system data and the identification data read from the medium and for verification of the system data by use of the generated cryptographic summary.